

# NATIONAL SOLAR OBSERVATORY

## Daily Sunspot Data From Automated Analysis

USAF OSPaN 630.315nm image

CLOUDS: Ukn

CONDITION: Good

OBSERVER: *TWH*

Irradiance reduction due to sunspot  
blocking = 0.0015% at 630.315nm

**30 Dec 03**  
**16:30:27 UT**

GROUPS: 1

SPOTS: 1

R-NUMBER: 11

TOTAL SPOT AREA: 74  $\mu$

THRESHHOLD: 0.92

